[ANARTS - Australian National Amateur Radio Teletype Society]

ANARTS News Bulletin 858 14th May 1995

What comes next? Part 2 (from the Digital Journal May 1995)

This second and last part of the feature article in the Digital Journal covers 4 topics - the network, public service, antennas and environment.

The first topic starts with a worrying statistic. Each day, in the US, 17,000 brand new phone numbers are created, two thirds of them cellular. This means that - quote - every fifty days there are more new mobile wireless stations created in this country than there are licensed U.S. amateurs; every year six to eight times as many - end quote. Cellular gives the ordinary consumer the freedom of communication with anyone, anywhere at any time. Thats what amateur radio is about, but those people do not have to know how to do it, they just pay others for the privilege. Wonder what the figures are like in Australia?

The article then goes on to talk about packet networks, but how much of the messages are read? One estimate is 70 per cent not being read, with a quote of 6500 messages per month going through BBSs in America. One amateur with a future view wants to set up linked terrestrial gateways designed to integrate with future fixed satellites with 1.2GHz on the uplink and 2.4GHz downlink. Be interesting to see if that eventuates.

Public service in the US includes plans for allowing the general public access to amateur radio for the passing of messages. But, of course, that is only intended to keep the amateurs ready for emergency traffic during disasters (which seem to be hapeening more frequently with the global warmup). Many amateurs are now using digital modes for emergency work, witness our own WICEN which does the same, with the benefit of instant copy if needed.

Antennas are also discussed briefly, especially those which can be installed within roofs.

The environment topic is mostly about the changes in digital equipment and software programmes which now even allow the transission of colour images using Clover. it is not TV, FAX or SSTV emission - it is a digital RTTY emission. How about that. Back to the simpler modes - they take up less bandwidth, also the modern mode is up to 100 times faster than the old, using compression techniques.

If you lay your hands on this article which ran over two issues, it is well worth the read. I have hardly touched on the discussion.

I will close this item with a quote from near the end of the article...

> We have -- been over to the future -- and it will no doubt work. Our collective vision is, we trust, better than that of Henry Ford II who, in 1957 said, -- The Edsel is here to stay --. Or, the manager of the Grand Ole Opry who told Elvis, -- You aint goin nowhere, son--.

Only time will tell. But even if our group forecast is wide of the mark in some respects we do know one thing for sure. Whatever is going to happen will happen at unprecedented speed. In the commercial world there will be serious economic casualties. Fortunately for us, we have nothing more at stake than our ego, the accelerated obsolescence of our equipment...and our privileges on the radio spectrum.

So be it.

Something to think on...

Just a reminder -- the ANARTS Worldwide RTTY Digital contest is coming up in a few weeks. Polish up that antenna, tighten the guys, check all equipment -- we want a good showing from the VKs.

Rules start running next week, be watching.

IPS WEEKLY REPORT

(5TH - 11TH MAY)

ISSUED ON 12 MAY 1995

INDICES

DATE	05	06	07	08	09	10	11
10CM	73	76	78	78	78	78	77
A	27	26	19	16	9	5	(9 ESTIMATED)
T	6	-7	4	8	10	16	22

SOLAR ACTIVITY WAS VERY LOW ALL WEEK.

THE GEOMAGNETIC FIELD AT LEARMONTH W.A. WAS UNSETTLED TO ACTIVE WITH A SHORT MINOR STORM PERIOD ON 5TH MAY, QUIET TO UNSETTLED WITH ACTIVE TO MINOR STORM PERIODS ON 6TH, AND UNSETTLED TO ACTIVE ON 7TH AND 8TH, tHE FIELD WAS QUIET TO UNSETTLED ON 9TH, AND QUIET 10TH TO 11TH.

IONOSPHERIC F2 CRITICAL FREQUENCIES AT SYDNEY WERE MOSTLY NEAR PREDICTED MONTHLY VALUES. ON THE 6TH AND 7TH FREQUENCIES WERE ABOUT 15 PER CENT BELOW PREDICTED MONTHLY VALUES, RETURNING TO NEAR NORMAL DURING NIGHT ON 7TH. STRONG SPREAD F WAS PRESENT DURING LOCAL NIGHT ON 5TH, AND SPORADIC E WAS OBSERVED AT TIMES ON THE 11TH.

FORECAST (12 MAY - 18 MAY)

SOLAR: VERY LOW TO LOW.

GEOMAGNETIC: MOSTLY QUIET.

IONOSPHERIC: NEAR PREDICTED MONTHLY VALUES.

IPS RADIO AND SPACE SERVICES

UNFORTUNATELY, WE HAVE BEEN UNALBLE TO LOCATE THE RTTY DX NEWS FOR THIS WEEK, AND HAVE HAD NO LUCK WITH THE ARRL DX NEWS EITHER. BUT HERE IS WHAT WE HAVE FOUND AND I HOPE YOU FIND IT SATISFACTORY. ED.

The Ohio/Penn Dx PacketCluster
DX Bulletin No. 205
May 8, 1995

Thanks to the Northern Ohio Amateur Radio Society, Northern Ohio DX Association, Ohio/Penn PacketCluster Network, AD1C, KC1QF, K6OZL, AA8SM, N8AC, WD8E, N4AA & QRZ DX, DF4RD, DK8KW, DL8OBC, F8RU, G0OYQ, ON6TT and Japan DX News for the following DX information.

1P0, Seborga. Geri, DK8KW, states he will be active as 1P0P between May 26-29th, with participation in the CQ WW WPX CW Contest (May 27-28). For those who do not know, the Principality of Seborga (520 inhabitants) is situated in the Alps near the Italian town San Remo. During the contest, look for Geri around 1831, 3522, 7022, 14022, 21022 and 28022 kHz. Before and after the contest he plan to operate mainly on CW, the WARC bands, 160 meters and also on 6 meters depending on the conditions.

7Q, MALAWI. Peter, ON6TT, has taken up a one month contract as telecom consultant for the Red Cross in Malawi starting May 11th. He states he still holds a valid license under the call 7Q7XT. Peter states this will be a low profile operation, as for once, Tine and Lana (family) will be coming along with him and he will be spending most of his free time with them. He will have antennas for 10 to 40 meters, including a 5 element yagi that will be fixed towards Europe for 10-15-20 meters. He will be taking RTTY equipment with him. QSL via ON5NT.

9Q, ZAIRE. Alex, PA3DZN (9X5EE), who is with UNHCR telecom crew in Goma, Zaire, will be active soon after his return from the Dayton Hamvention. Alex will be there for about one year and plans to be active on 80 and 160 meters. His callsign is unknown at this time, but we will keep you updated. QSL via PA3DLM.

9X, RWANDA. Mark, ON4WW, (who is also a member of the UNHCR is replacing Alex, 9X5EE, in Kigali), is now signing 9X/ON4WW. He has put up two inverted L's, one for 160 and one for 80 meters. Mark runs barefoot mainly on CW. For the moment, his low band schedule is: 2015z on 3513 kHz, and 2030z on 1830 kHz for Europe and 0030z on 1827 kHz for US. Meanwhile, he has also been heard on 20 meters CW around 14020 kHz starting about 1845z. Mark will be there until end June. QSL via ON5NT.

CHINESE'S DX CONVENTION. Chen, BZ1HAM (one of the operators/leader of the BS7H operation), announced during the DX Dinner Banquet and the DX Forum that the People's Republic of China will have their first DX Convention October 13-16th (1995). A special station, BT1DX, will be active during the convention. Visitors attending the convention will be availble to operate from this station. Also, a possibility of obtaining a BY license may be available for individuals who attend the convention.

EJ, THE ISLAND OF INISHMAN (Rep. of Ireland). This is just a reminder that a group will be active next weekend from this island from May 13-19th. Inishman is part of the Aran Island group which is off the west coast of Ireland and has IOTA reference number of EU-006. The group will be signing EJ/homecall, so look for G0OYQ, G0PHN, and G0ULN. They will be active on all HF bands and the usual IOTA frequencies. QSL via the bureau or direct to: CHB ARG., PO Box 803, Hull, HU7 4BY, England.

GAZA. The Japan DX News reports that JA1UT will be active soon as JA1UT/GAZA. From May 14-18th, seven Japanese operators are going to The Gaza strip under a United Nations aid program. They will take the opportunity to operate SSTV, 10 meters FM, as well as the usual operating modes.

OY, FAEROE ISLAND. Claus, DK9FE, will once again be active as OY/DK9FE from Kollafjoerdur, Faeroe Is. (IOTA EU-018). He will be operate mainly CW from July 10-27th. Using a vertical antenna, look for him on all bands (80-10 meters) including WARC and 15 kHz above the lower band edge. QSLs cards are to be sent to his callbook address.

SV/A, MOUNT ATHOS. Peter, KC1QF/SV0GV/EI4GV, together with Andreas, SV1BKN, will operate from Mount Athos using the callsign SV0GV/3 from July 6-9th. The operation will take place near the peak of the Mount Athos mountain, at the 1700 meter point. Operation will be both SSB and CW on the 10/15/20/40/80 meter bands. If time permits, RTTY and AMTOR will also be added. PLEASE NOTE that this operation will feature special split frequency on a per-region basis.

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425 DX NEWS
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edited by I1JQJ & IK1IYU

Stations which will be active-

PERIOD	CALL	REF
till December	FT5XK: Kerguelen	190
till June	KL7UQ: Beaufort Sea Coast group (NA-004)	206
till ?	LU1ZR: Petrel Air Base (WABA-LU-12)	206
till September	ZD8WD * by G4RWD	197
till middle June	5H * by OH2BBF	205
till July	9X * by ON4WW	205
7/5-8/10	ZS50PAX: special call	205
12/5-16/5	VK6ISL: Faure Isl. (NO-REF) * by VK6LC	202

COMING EVENTS

JUNE	10th-11th	ANARTS Worldwide Digital Contest
JULY	2nd	DARC CORONA 10m Digital contest
AUGUST	19th-20th	SARTG WW RTTY Contest

Society information

The Society may be contacted at : PO Box 860, Crows Nest 2065 Australia, for such matters as membership and general enquiries. Enquiries can also be made by packet to the President(Col) VK2CTD at VK2XSB, or the Secretary (Pat) VK2JPA at VK2AAB.

News items may be sent to Broadcast Officer PO Box 60 Blacktown 2148 Australia, or by packet to VK2JPA at VK2AAB. Email address for the Broadcast Officer is :

patl(at)conmusic.pitt.su.oz.au

The Society welcomes news items on any digital subjects from anywhere in the broadcast coverage area. We are looking for-ward to news from your areas to let other amateurs know what you are doing in the hobby. Hope to hear from you.

73s de Pat VK2JPA Broadcast Officer

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Opinions expressed are mine. | E7 FE 97 88 E5 02 3C AE 9C 8C 54 5B 9A D4 A0 CD